



10/066,009

Patent Docket P1869R1

#4

Sequence Listing

<110> Schaffer, Michelle
Ultsch, Mark
Vajdos, Felix

<120> CRYSTALLIZATION OF IGF-1

<130> P1869R1

<140> US 10/066,009

<141> 2002-02-01

<150> US 60/287,072

<151> 2001-04-27

<150> US 60/267,977

<151> 2001-02-09

<160> 5

<210> 1

<211> 70

<212> PRT

<213> Homo sapiens

<400> 1

Gly Pro Glu Thr Leu Cys Gly Ala Glu Leu Val Asp Ala Leu Gln
1 5 10 15

Phe Val Cys Gly Asp Arg Gly Phe Tyr Phe Asn Lys Pro Thr Gly
20 25 30

Tyr Gly Ser Ser Ser Arg Arg Ala Pro Gln Thr Gly Ile Val Asp
35 40 45

Glu Cys Cys Phe Arg Ser Cys Asp Leu Arg Arg Leu Glu Met Tyr
50 55 60

Cys Ala Pro Leu Lys Pro Ala Lys Ser Ala
65 70

<210> 2

<211> 67

<212> PRT

<213> Homo sapiens

<400> 2

Ala Tyr Arg Pro Ser Glu Thr Leu Cys Gly Gly Glu Leu Val Asp
1 5 10 15

Thr Leu Gln Phe Val Cys Gly Asp Arg Gly Phe Tyr Phe Ser Arg
20 25 30

Pro Ala Ser Arg Val Ser Arg Arg Ser Arg Gly Ile Val Glu Glu
35 40 45

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Cys Cys Phe Arg Ser Cys Asp Leu Ala Leu Leu Glu Thr Tyr Cys
50 55 60

Ala Thr Pro Ala Lys Ser Glu
65

<210> 3
<211> 50
<212> PRT
<213> Homo sapiens

<400> 3
Phe Val Asn Gln His Leu Cys Gly Ser His Leu Val Glu Ala Leu
1 5 10 15

Tyr Leu Val Cys Gly Glu Arg Gly Phe Phe Tyr Thr Pro Lys Gly
20 25 30

Ile Val Glu Gln Cys Cys Thr Ser Ile Cys Ser Leu Tyr Gln Leu
35 40 45

Glu Asn Tyr Cys Asn
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<210> 4
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Sequence is synthesized.

<400> 4
Arg Asn Cys Phe Glu Ser Val Ala Ala Leu Arg Arg Cys Met Tyr
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Gly

<210> 5
<211> 56
<212> PRT
<213> Artificial Sequence

<220>
<223> Residues observed in IGF-1 structure.

<400> 5
Glu Thr Leu Cys Gly Ala Glu Leu Val Asp Ala Leu Gln Phe Val
1 5 10 15

Cys Gly Asp Arg Gly Phe Tyr Phe Asn Lys Pro Thr Gly Tyr Gly
20 25 30

Ser Ser Thr Gly Ile Val Asp Glu Cys Cys Phe Arg Ser Cys Asp
35 40 45